

I hereby certify that this correspondence is being deposited
with the U.S. Postal Service with sufficient postage as
First Class mail addressed to:

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On August 10, 2004

By Scott Hewett
Scott Hewett

PATENT

Attorney Docket No. OCL0001US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Zhang et al.

Application No.: 09/517,648

Filed: 03/03/2000

For: EXPANDABLE OPTICAL ARRAY

Examiner: PASCAL, L.C.

Art Unit: 2633

LETTER TO THE OFFICIAL DRAFTSPERSON

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

AUG 16 2004

Technology Center 2600

Dear Sir:

Pending approval of the Examiner, please enter the attached five sheets of formal drawings as replacement sheets for the originally filed informal drawings in the above-referenced patent application.

Respectfully Submitted

Scott W. Hewett
Scott W. Hewett
Reg. No. 41, 836

Scott Hewett
Patent Attorney
400 West Third Street, No. 223
Santa Rosa, CA 95401
Tel.: (707) 591-0789
Fax.: (707) 591-0392

Amendments to drawing figures:

Five sheets of formal drawings are enclosed. Figs. 3A, 3B, and 6 are amended as follows.

In Fig. 3A, the reference numeral for the path through the amplifier in the first rung of the sub-array 122 is changed from “303” to “304.” The reference numeral for the path through the amplifier in the second rung of the sub-array 122 is changed from “304” to “305.” Support for these amendments is found in the Written Description on page 20, lines 3-5. The reference numeral for the bypass output port of the sub-array 122 is changed from “35B” to “37A.” The reference numeral for the bypass input port of the sub-array 120 is changed from “37A” to “35B.” Support for these amendments is found in the Written Description on page 16, line 1.

In Fig. 3B, the reference numeral for the bypass output port of the sub-array 122 is changed from “35B” to “37A” and the reference numeral for the bypass input port of the sub-array 120 is changed from “37A” to “35B,” as in Fig. 3A.

In Fig. 6, reference numeral “24” and its associated lead line are added to designate the input cascade transmission line. Support for this amendment is found in the Written Description on page 21, line 10, and in Figs. 1A and 1B, and the associated Written Description.

These amendments do not add new matter.

1/5

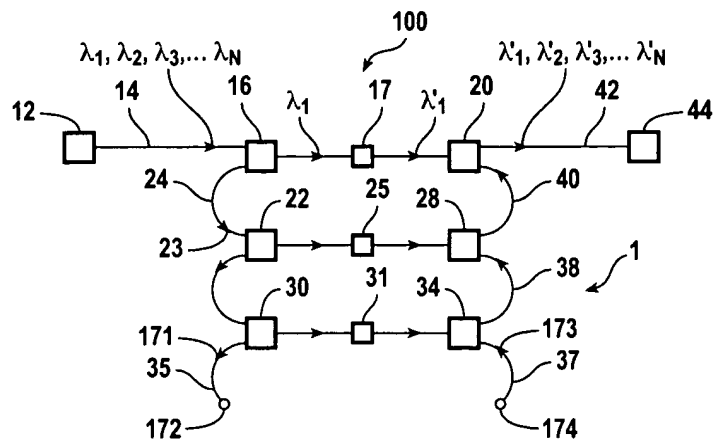


FIG. 1A

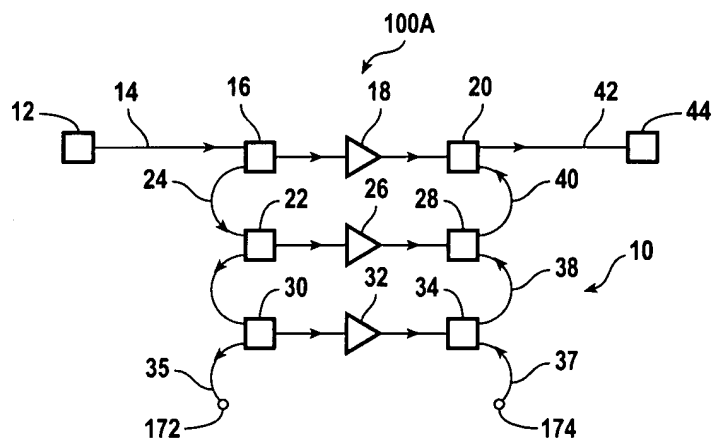


FIG. 1B

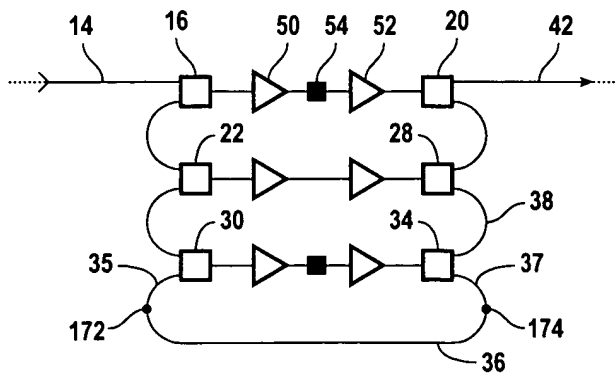


FIG. 1C

O I P M
 AUG 13 2004
 PATENT & TRADEMARK OFFICE

2/5

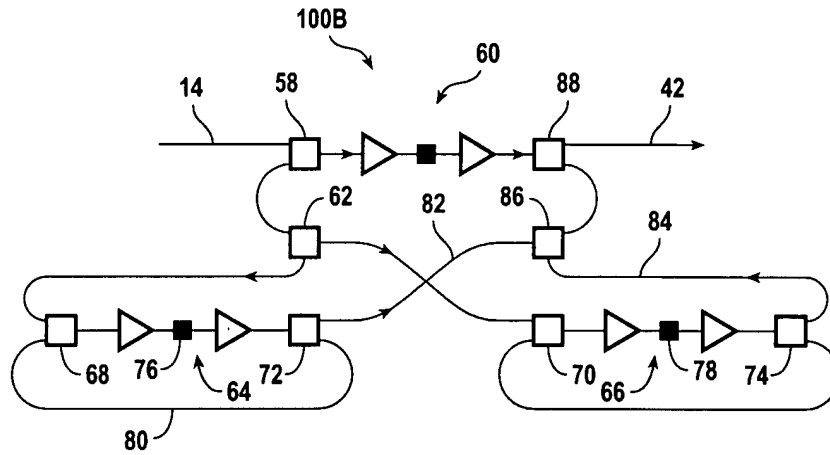


FIG. 2A

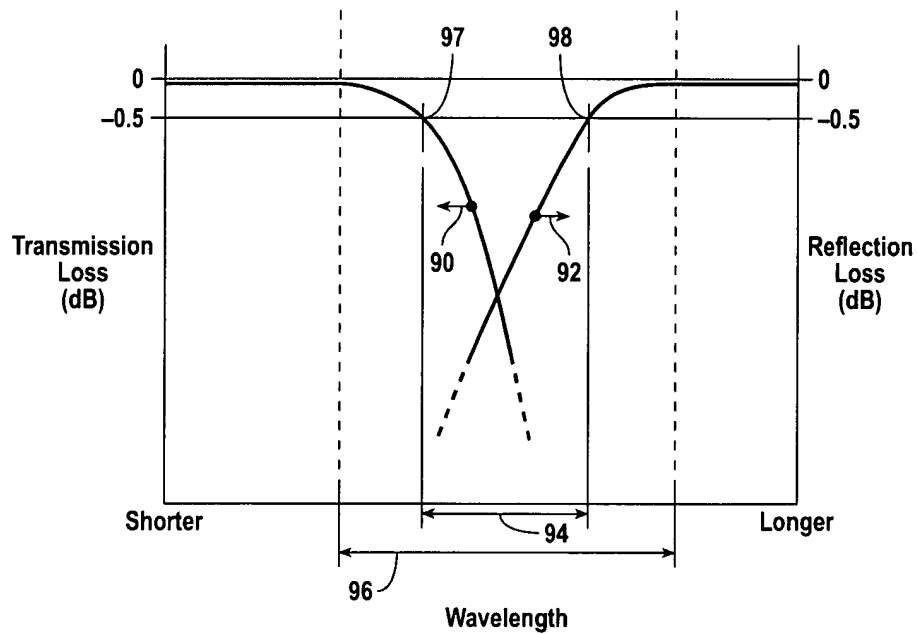


FIG. 2B

+

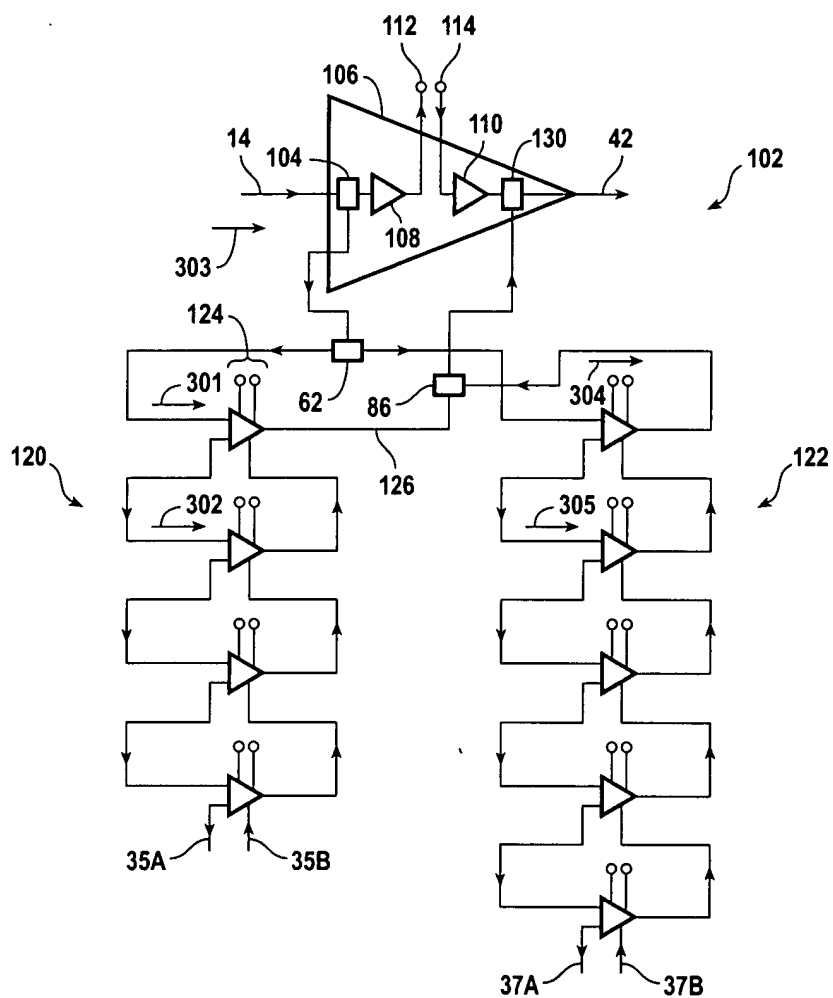
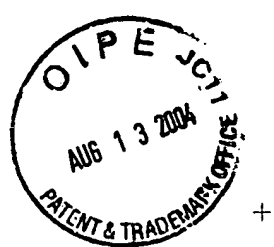


FIG. 3A

4/5

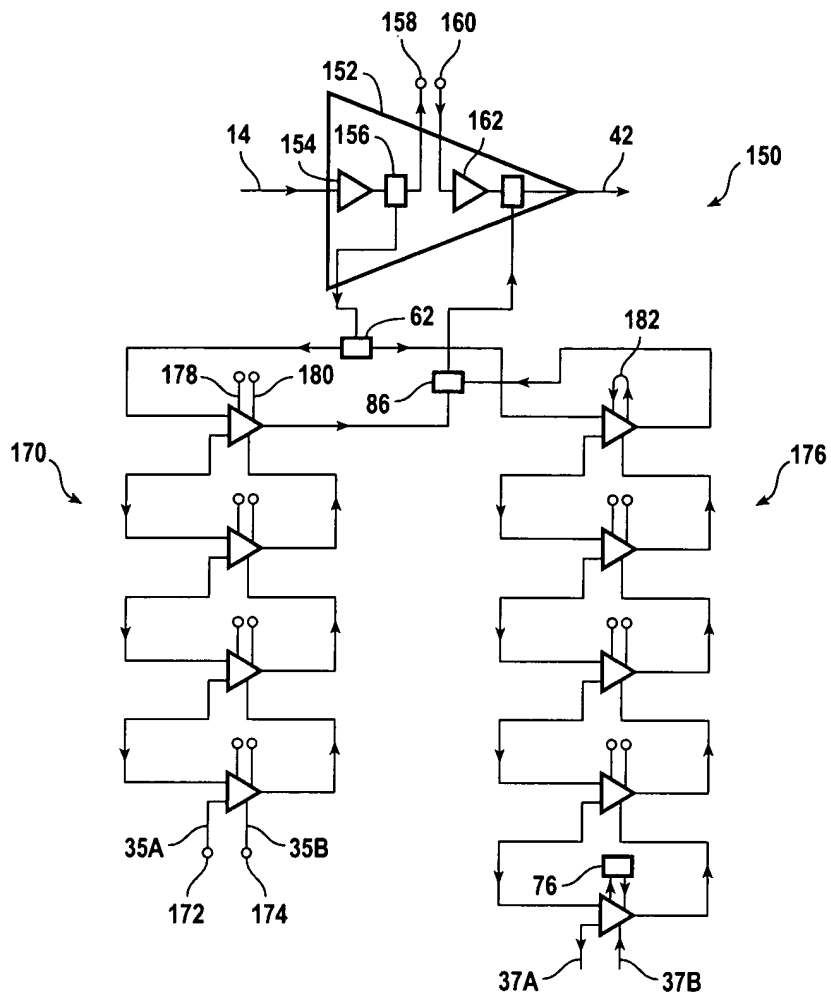


FIG. 3B

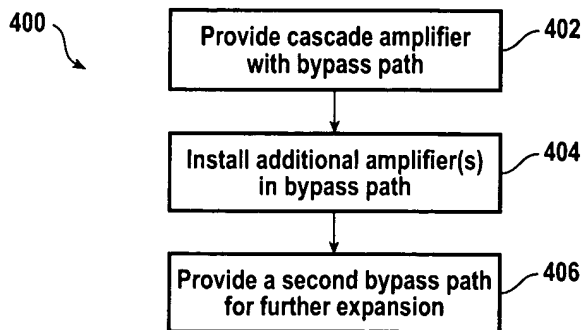


FIG. 4

5/5

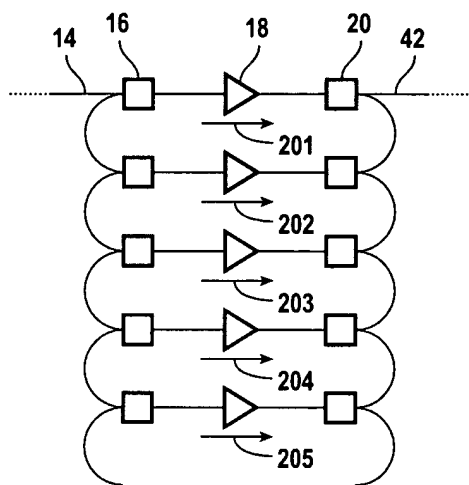


FIG. 5

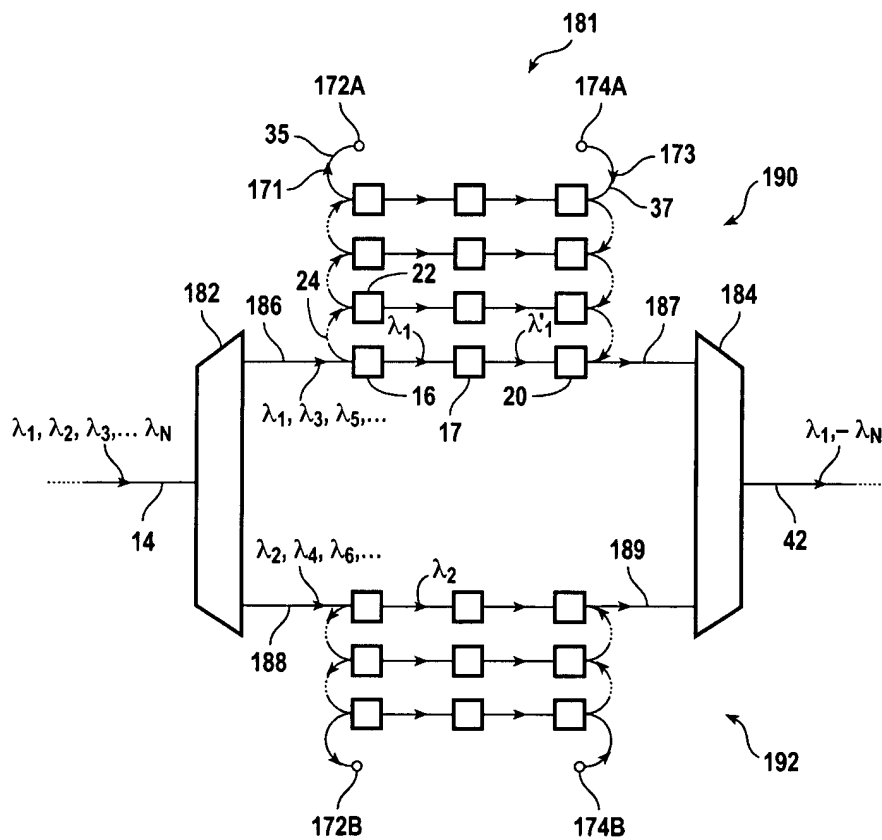


FIG. 6